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**EXECUTED DECLARATION FOR PATENT
APPLICATION**

**Attorney Docket No.: P-IS 4548
Serial No.: 09/898,743**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231, on October 26, 2001.

By David A. Gay
David A. Gay, Reg. No. 39,200

October 26, 2001
Date of Signature



DECLARATION FOR PATENT APPLICATION

As the below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled METHODS FOR DETECTION AND QUANTIFICATION OF ANALYTES IN COMPLEX MIXTURES, the specification of which

_____ is attached hereto as Attorney Docket No. _____).

XXX was filed on July 3, 2001
as Application Serial No. 09/898,743
(Attorney Docket No. P-IS 4548)

and was amended on (or amended through) _____.
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to myself to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56.

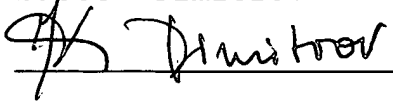
Under Sec. 1.56, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) It

Inventor: Krassen Dimitrov
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Filed: July 3, 2001
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establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or (2) It refutes, or is inconsistent with, a position the applicant takes in: (a) Opposing an argument of unpatentability relied on by the U.S. Patent and Trademark Office, or (b) Asserting an argument of patentability.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Krassen Dimitrov

Inventor's signature: 

Date: 10-11-2001

Residence: Seattle, Washington

Citizenship: USA

Post Office Address: 10759 Burke Avenue N.
Seattle, Washington 98133

RECORDATION FORM COVER SHEET WITH
EXECUTED ASSIGNMENT

Attorney Docket No.: P-IS 4548

Serial No.: 09/898,743

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EXECUTED SMALL ENTITY STATEMENT
Attorney Docket No.: P-IS 4548
Serial No.: 09/898,743

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By David A. Gay
David A. Gay, Reg. No. 39,200

October 26, 2001
Date of Signature



POWER OF ATTORNEY FOR PATENT APPLICATION BY ASSIGNEE

Assignee THE INSTITUTE FOR SYSTEMS BIOLOGY is the owner of the entire right, title and interest of U.S. patent application Ser. No. 09/898,743, filed on July 3, 2001, as attorney docket number P-IS 4548, and entitled METHODS FOR DETECTION AND QUANTIFICATION OF ANALYTES IN COMPLEX MIXTURES, and any subsequently filed divisional, continuation, continuation-in-part or reissue application, including international and foreign applications claiming priority thereto.

The Assignee hereby appoints the following attorneys to prosecute these applications and to transact all related business in the United States Patent and Trademark Office and any international and foreign patent offices:

CATHRYN CAMPBELL, Registration No. 31,815; DAVID A. GAY, Registration No. 39,200; CALVIN A. FAN, Registration No. 38,444; ANDREA L. GASHLER, Registration No. 41,029; JAMES J. WONG, Registration No. 34,949; DEBORAH L. CADENA, Registration No. 44,048; MELANIE K. WEBSTER, Registration No. 45,201; ASTRID R. SPAIN, Registration No. 47,956; and MARGARET M. PARR, Registration No. 48,111.

Please direct all telephone calls to Cathryn Campbell at (858) 535-9001 and address all correspondence to:

CATHRYN CAMPBELL
CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
7th Floor
San Diego, California 92122
USPTO CUSTOMER NO. 23601

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The undersigned is authorized to sign on behalf of the
Assignee.

Signature:



Name (typed):

G. Michael Arnold

Title:

Vice President

Assignee:

Institute for Systems Biology

Date:

October 10, 2001



EXECUTED STATEMENT UNDER 37 C.F.R.
§ 3.73(b) WITH COPY OF EXECUTED
ASSIGNMENT
Attorney Docket No.: P-IS 4548
Serial No.: 09/898,743

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By David A. Gay
David A. Gay, Reg. No. 39,200
October 26, 2001
Date of Signature



STATEMENT UNDER 37 C.F.R. § 3.73(b)

Title of Application: METHODS FOR DETECTION AND QUANTIFICATION
OF ANALYTES IN COMPLEX MIXTURES

Application Ser. No.: 09/898,743

Filed: July 3, 2001

Inventor(s): Krassen Dimitrov

Attorney Docket No.: P-IS 4548

THE INSTITUTE FOR SYSTEMS BIOLOGY, a non-profit organization, states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the application. A copy of the executed assignment, submitted for recording, is attached hereto as documentary evidence of the chain of title to the assignee.

The undersigned is empowered to sign this statement on behalf of the assignee.

Date: 10/10/01

Signature: *G. Michael Arnold*

Name: G. Michael Arnold

Title: Vice President

COPY

SOLE

ASSIGNMENT

This Assignment is made by Krassen Dimitrov of Seattle, Washington, Assignor, to THE INSTITUTE FOR SYSTEMS BIOLOGY, Assignee, having a place of business at 4225 Roosevelt Way, N.E., Suite 200, Seattle, Washington 98105.

WHEREAS, Assignor has invented new and useful METHODS FOR DETECTION AND QUANTIFICATION OF ANALYTES IN COMPLEX MIXTURES for which an application for United States Letters Patent was filed on July 3, 2001 in the United States Patent and Trademark Office, bearing Serial No. 09/898,743 and identified as Attorney Docket No. P-IS 4548.

WHEREAS, Assignor believes that Assignor is the original inventor of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor sells, assigns, and transfers to Assignee, the entire right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, Assignor and Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

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Assignor represents and warrants that Assignor has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date(s) provided below.

Assignor: Krassen Dimitrov

AK Dimitrov 10/11/01
Signature Date

STATE OF Washington)
COUNTY OF King)

On 10/11/01, before me, Twana Johnson
personally appeared Krassen Dimitrov,
☒ personally known to me - OR - proved to me on the basis
of satisfactory evidence to be the person whose name is
subscribed to the within instrument and acknowledged to me that
he executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf
of which the person acted, executed the instrument.

WITNESS by hand and official seal.

Twana Johnson
(Signature of Notary)



EXPIRES: 09/01/2004